

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



PCT

(43) International Publication Date  
15 September 2005 (15.09.2005)

(10) International Publication Number  
**WO 2005/084656 A1**

(51) International Patent Classification<sup>7</sup>: **A61K 31/166, A61P 29/00**

(74) Agents: MCNEENEY, Stephen et al.; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(21) International Application Number:

PCT/GB2005/000780

(22) International Filing Date: 2 March 2005 (02.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/549,143 3 March 2004 (03.03.2004) US

(71) Applicant (for all designated States except US): BI-OLIPOX AB [SE/SE]; P.O. Box 6280, S-102 34 Stockholm (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): OLOFSSON, Kristofer [SE/SE]; Biolipox AB, P.O. Box 6280, S-102 34 Stockholm (SE). PELCMAN, Benjamin [SE/SE]; Biolipox AB, P.O. Box 6280, S-102 34 Stockholm (SE). NILSSON, Peter [SE/SE]; Biolipox AB, P.O. Box 6280, S-102 34 Stockholm (SE). SCHAAL, Wesley [US/SE]; Biolipox AB, P.O. Box 6280, S-102 34 Stockholm (SE). HALLBERG, Anders [SE/SE]; Department of Medicinal Chemistry, Biomedical Centre, Uppsala University, P.O. Box 574, S-751 23 Uppsala (SE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

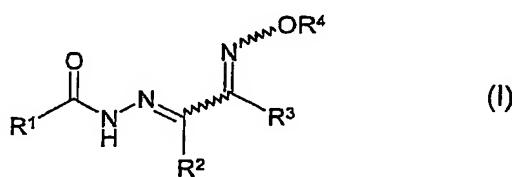
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- with amended claims

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: USE OF NEW LIPOXYGENASE INHIBITORS



WO 2005/084656 A1

(57) Abstract: There is provided a use of a compound of formula (I), wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> have meanings given in the description, and pharmaceutically-acceptable salts thereof, for the manufacture of a medicament for the treatment of a disease in which inhibition of the activity of a lipoxygenase (e.g. 15-lipoxygenase) is desired and/or required, and particularly in the treatment of inflammation.